Office Hours

Office hours: 8:00 - 5:00pm Monday-Friday

You may stop by 1178 Graves Hall anytime to ask questions of Administrative Program Director, Amy Lahmers.

E-Newsletter Submissions

To submit a news item to be considered for inclusion in the newsletter contact bsgp@osumc.edu
Graduate School News

*Professional Profile Clinic*

Announcing the third annual Professional Profile Clinic, an interactive event designed to prepare you for the job-hunt outside academia. You will have the opportunity to share your resume, elevator pitch, and LinkedIn profile with professionals and receive constructive feedback and mentoring on how to improve them. Professional headshots will also be provided free of charge. Please note that you can come any time between 9 AM - 1 PM, and that people typically stay for about an hour depending on how many stations they visit.

For more information about the event and how to prepare your materials for it, please visit the OUAB Grad/Prof site here.

You can add this event to your Outlook calendar here.

If you are interested in attending, please RSVP here by July 20th.

If you have any questions, please contact Kerry Hodak (Hodak.2@osu.edu)

Data Science for Scientists Club Now Recruiting Members

Open to any individual (students, postdocs or faculty) interested in developing skills necessary to analyze any type of data

Develop programming skills in Python, R and associated libraries

Share tips and tricks for data analysis and visualization.

Email freitas.5@osu.edu for more information

Meets every Tuesday 11:30am-1pm in BRT 105
Free access to DataCamp online learning and OSC HPC for RStudio & Jupyter notebooks

TL1 and KL2 Programs Now Accepting Applications

The overall goal of the CCTS Training and Career Development is to establish and cultivate an institution-wide learning environment that is inherently linked to all aspects of the CCTS.

One way that the CCTS accomplishes this goal is through our TL1 and KL2 career mentoring programs. Each program supports clinical trainees in various levels of their career by providing financial stipends, access to the CCTS professional services and staff, tuition support, and more.

The TL1 Mentored Clinical Research Training award provides full-time research and training support for predoctoral and postdoctoral fellows seeking additional training in clinical and translational research. Trainees with a clinical degree who are enrolled in a Master's or Doctoral program are also eligible for the TL1 award.
The CCTS is currently accepting applications for both the TL1 and KL2 programs. You can learn more about the programs and apply here.

**Responsible Conduct of Research (RCR) Training**

The Research Institute provides at least two RCR learning pathways.

**Pathway A (Online- required for all Research Personnel):** RCR Class offered through CITI. Log in or create an account, click "Add Course" and select "Responsible Conduct of Research Courses", then choose either biomedical or social/behavioral based on your particular type of research. Required for all Research personnel within 90 days of start date. Students and interns at the RI for less than 90 days are exempt.

**Pathway B (CITI online course AND in-person classes- Required by NIH guidelines for all trainees, fellows, participants, and scholars receiving support through any NIH training, career development award, research education, or dissertation grant):** Recommended for all other staff. A certificate of RCR training completion will be issued for participants who complete the online course as well as attend all nine in-person classes (which will involve small group discussion and case studies) during their tenure at NCH.

See the 2018 summer schedule here - all classes will be held in Discovery Auditorium and lunch will be served on a first come, first serve basis.

Please register in Training Tracker for the in-person courses (select "Add Curriculum" and filter on "RCR" to see available courses) and contact me with any questions. Upon registration, Training Tracker will send an email confirmation with an attached calendar invite which may be saved to your Outlook calendar for your convenience.

**List of Faculty Taking Students for Summer Rotations**

Here is the updated list of faculty taking students for SU18 rotations.

**Biomedical Informatics Summer Internship Program**

The Department of Biomedical Informatics is accepting applications for its annual internship program this summer. This program provides undergraduate and graduate students opportunities to pursue research projects in the field of biomedical informatics under the guidance of research and operational staff and renowned faculty mentors in the Department of Biomedical Informatics.

→ Read more
→ Contact

**Course Offerings**

**Molecular Virology and Pathogenesis of Disease**

AU 2018 | 5 credit hours
MWF 9:00-11:00am
430 Veterinary Medicine Academic Building

See the attached flyer for more info

**Selected Topics in Advanced Immunology/BSGP 8010 Fall 2018**

2 Credit Hours
When: Fall 2018/2020/2022
Mondays and Wednesdays 1:30-2:20pm
Graves Hall 1175

**Instructors:** Amal Amer, Prosper Boyaka, William Carson, Rajendar Deora, Latha Ganesan, Namal Liyanage, Amy Lovett-Racke, Anjali
Mishra, Murugesan Rajaram, Stephanie Seveau, Haitao Wen. Prerequisite: MVIMG7010/M7010

Course description and learning objectives
Using didactic teaching, literature based reading, and in-class discussion this course will provide students with an understanding of complex immunological concepts and how they relate to specific diseases. The purpose of this course is to extend students knowledge of general immune mechanisms as learned in MVIMG7010/M7010 to understand the plasticity and specificity of immune responses in health and diseases.

Specific topics
Innate immunity, development and activation of lymphocytes, mucosal immunity, infectious diseases, vaccination, autoimmune diseases, cancer, immune responses in the CNS, immunity at the fetal/maternal interface and during pregnancy.

Grading: Satisfactory/unsatisfactory based upon class participation and writing of a one page summary on each topic discussed during the semester.

For additional information contact Stephanie Seveau (Seveau.1@osu.edu)

Important Deadlines and Dates

Fellowships

Postdoc Fellow Position | NIH/NIA-Intramural Research Program

American Society of Human Genetics Fellowship Opportunities

Genetics Education & Engagement Fellowship
This fellowship program is designed for genetics professionals (or life scientists with substantial experience in genetics or genomics) who: have an advanced degree, are early in their careers, and are interested in developing and implementing genetic and genomic literacy, engagement, diversity, and/or professional development initiatives for audiences comprising K-12, undergraduate, graduate, post-graduate, and professional. The fellow will participate in rotations at the NHGRI and ASHG, and typically a third organization involved in genetic and genomic literacy, engagement, diversity, or professional development.

Genetics & Public Policy Fellowship
This is a fellowship program designed for genetics professionals with an advanced degree who are early in their careers and interested in the development and implementation of genetics-related health and research policies at a national level. The fellow will have the opportunity to participate in policy analysis at NHGRI and ASHG, and to work directly within the U.S. Congress.

Post-Doc Opportunities

*Bioinformatics/Scientific Curator Position Openings

Please see the attached flyer with more information regarding these ThermoFischer Scientific job openings.

Postdoctoral Fellow Position in Redox Signaling at Johns Hopkins

The Kohr Laboratory of Cardiovascular Redox Signaling has an
immediate opening for a postdoctoral fellow position. This is an excellent opportunity to join an exciting, NIH-funded research team focused on demystifying sex-specific, redox-dependent differences in the heart’s response to ischemic injury with the ultimate goal of identifying novel, cardioprotective signaling pathways. The role of protein S-nitrosation in the female heart, which is naturally protected from ischemic injury, is a major focus of current studies. We have developed a number of cutting edge mass spec-based proteomic methodologies to map sites of S-nitrosation and other redox-based modifications, and we use these in tandem with cellular, molecular, and biochemical methods to assess the effects of S-nitrosation on the function, stability, and localization of specific protein targets. We also utilize a number of physiological approaches to evaluate myocardial function, including the Langendorff-perfused heart preparation, in vivo pressure-volume loop analysis, and echocardiography. Our lab primarily utilizes cell and mouse-based models for experimentation. By defining female-specific and other protective signaling pathways in the heart, we are working to identify key therapeutic targets for the treatments of ischemic heart disease in both men and women.

We are seeking a creative scientist to pursue independent and collaborative research within the Bloomberg School of Public Health and the School of Medicine at Johns Hopkins University. State of the art facilities and excellent core laboratories are available for research projects. The applicant should possess a PhD, MD, or equivalent. Preferred qualifications include experience in heart physiology, proteomics and/or redox biology. Interested applicants should send a cover letter and a CV including publications in PDF format to: mkohr1@jhu.edu.

NIGMS Postdoctoral Research Associate (PRAT) Training Program

The NIGMS PRAT Program is a competitive three-year postdoctoral fellowship program that provides high quality research training in the basic biomedical sciences in NIH intramural research laboratories, and prepares trainees for leadership positions in biomedical careers. The program places special emphasis on training fellows in all scientific areas supported by NIGMS, including but not limited to, biological chemistry, biophysics, bioinformatics, cellular and molecular biology, computational biosciences, developmental biology, genetics, immunology, neuroscience, pharmacology, physiology, and technology development. Appointments are made at competitive stipend levels, commensurate with experience and recognition of selection for this program, and fellows receive a travel and training allowance.

Webinar information: The webinar will be on Wednesday, June 20 at 1:30 PM Eastern. To access the webinar, visit the WebEx meeting page and enter the meeting number (access code) 625 876 209 and the password MJRSP5R6H. You can also attend by phone by calling 650-479-3208. Slides will be posted on the PRAT website following the event. More information can be found here.

Individual Fellowship Opportunity in Europe

Individual Fellowship (IF) under the prestigious Marie Curie grant program. This is a prestigious, EU-funded fellowship aimed to non-French, experienced researchers (Postdocs) willing to perform research in an European innovative biotech. This funding will result in a two year post doctoral appointment (~53k€/year gross salary depending on the candidate’s family situation) in our headquarters in Paris, where the selected candidate will conduct cutting-edge research and receive training in business and entrepreneurship. We propose to applicants one of our many research topics related to microfluidics, cell biology, molecular biology, biophysics, medical, and cancer research. Nevertheless, we are also open to any new research topic linked to biotechnology that the applicant is willing to pursue.
Postdoctoral Fellow Position in the Cleveland Clinic

Contact: Jessica Williams, PhD

Description: A Postdoctoral Fellow position is available in the Cleveland Clinic Lerner Research Institute in the Department of Neurosciences to investigate adaptive immune responses in central nervous system (CNS) glia in the context of autoimmunity and repair. The successful candidate will help lead a multidisciplinary team to elucidate novel mechanisms that impact injury and recovery during CNS autoimmunity, focusing on Multiple Sclerosis. Research projects include: 1) elucidating cytokine-mediated intercellular communication networks in glia during CNS development and repair and 2) investigating the role of glia-specific cytokine signaling during neuroinflammation. A strong work ethic, proficiency in verbal and written English, and a PhD and/or MD are required. Experience with murine models of human disease and expertise in neuroscience and/or immunology are strongly preferred.

Please send your curriculum vitae, a brief description of your research interests, and contact information for 3 references to Jessica Williams, PhD (williaj39@ccf.org).

Post-Doctoral Position- Vascular Biochemistry

Title: Postdoctoral Researcher
Contact Email: Lianwang.guo@osumc.edu

For more information, including the job description, please see the attached flyer.

NCI Graduate Student Recruiting Program

The attached handout has information regarding post-doctoral fellowships within the NCI.

Other News and Events

*Science & SciLifeLab Prize for Young Scientists

The Science & SciLifeLab Prize for Young Scientists is now open for entries! This is the sixth year that Science and SciLifeLab will present this award, which offers four recent PhD graduates a life-changing opportunity. Recent doctoral graduates in the life sciences may submit a 1000-word essay based on their thesis work. Four winners - in the categories of Cell and Molecular Biology, Ecology and Environment, Genomics and Proteomics and Translational Medicine - will be selected for this international award. Make sure your recent PhD graduate doesn't miss out on this opportunity!
Application deadline: July 15th, 2018
The winners will:

- Have their essay published by Science
- Receive up to 30,000 USD in prize money
- Be honored in Stockholm, Sweden in December

San Diego Life Sciences Trek

Find your dream job. Trek to San Diego, Summer 2018.
August 16-17, 2018
Calling all PhD candidates and professionals in bioinformatics, genomics, data science and related disciplines: Join us for the Life Sciences Trek, a two-day tour through San Diego's life sciences industry. From biotech to genomics to pharma, jumpstarting an exciting career in San Diego can be your reality. Participating companies include: ThermoFisher Scientific, ResMed, Human Longevity Inc., and Takeda. Through company tours, workshops, presentations and a networking reception, participants will gain access to influential researchers and executives across many of San
Diego's ground-breaking companies. One trek participant from last year's program has already moved to San Diego after being hired by Illumnia. For more information, click here.

Procter & Gamble FIRST Program

P&G's recruiting conference, FIRST, is the premier conference for outstanding doctoral and postdoctoral scientists. FIRST is a 3-day, all-expense paid program for top Ph.D. students who are looking to gain exposure to the future of technology from an industry leading company. Meet and learn from some of our nationally awarded scientists and engage in real-world discussions on what companies are looking for in new employees, cultural and workforce diversity, and future innovation.

Please see the attached flyer for more information.

Graduate Business Minor for Health Sciences

The Ohio State University's health sciences colleges train highly motivated and intellectually outstanding students to be experts in their field. Given the changing nature of the health sciences industries, there has never been a time when employers have placed such a premium on business acumen and principled leadership. The graduate business minor addresses this growing demand by providing graduate-level business training through the Fisher College of Business to Ohio State students pursuing advanced degrees in health science fields.

Program highlights:

- Gain a rich and powerful toolset for addressing today's managerial and business challenges.

No matter where your career leads, you'll make critical decisions with significant consequences. This program gives you the foundation to anticipate, tackle, and resolve the broad set of challenges you will face.

- Experience a dynamic in-class, case-based learning environment.

Learn from face-to-face interaction with leading researchers and practitioners.

- Complete the program in one accelerated summer.

It takes just three months to develop and hone your leadership skills in this rigorous program which does not require additional time before graduation and does not overlap with your primary program.

- Share the classroom experience with a diverse set of students.

Collaborate, learn with, and learn from other students in health science programs from all around The Ohio State University campus.

- Connect the classroom experience to real-world business challenges.

In the capstone project management class, you'll deeply interact with an organization in your industry and apply your new skills to a real-world problem.

- Distinguish yourself!

You're about to enter a competitive labor market. This one-of-a-kind program will help you differentiate yourself from other students in your profession.

Program Details:
* 12 total credit hours.
* M-Th Evenings in summer term.
* Does not extend your time to graduate.
* Does not impact your program GPA.
* Earn a Graduate Business Minor in addition to your primary degree.

https://fisher.osu.edu/graduate/graduate-minor-business-health-sciences

To find out more about the program, contact Prof. Benjamin Campbell

Need Help? CCS is here for you!
COUNSELING AND CONSULTATION SERVICE

WHO WE ARE
We promote personal well-being and the academic success of students by providing comprehensive mental health services.

Comprehensive Services Include:
- Individual Counseling
- Group Counseling
- Psychiatry
- Couple’s Counseling
- Outreach and Workshops
- Crisis Support and Debriefing
- Consultation for Faculty, Staff and Loved Ones
- Community Referral

We’re Here To Help With:
- Stress Management
- Life Transitions
- Academic Concerns
- Identity Exploration
- Relationship Problems
- Substance Use
- Eating Concerns
- Anxiety
- Depression
- And Much More

CONTACT US
PHONE: 614-292-5766
LOCATIONS:
Younak Success Center, 4th Floor 1840 Neil Ave, Lincoln Tower, Suite 1030 1800 Cannon Blvd.
Find Us Online: CCS.OSU.EDU

HOURS:
MONDAY – THURSDAY: 8 a.m. – 8 p.m.
FRIDAY: 8 a.m. – 5 p.m.
Hours may vary during term breaks and by location.

Download the new OSUCCS App

You can find more information about the services provided at Counseling and Consultation Services on their website.

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